

interference Search  
**EAST Search History**

8/17/06 FNR  
(p 1 of 2)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17	((gas) and (detector sensor) and (infrared infra-red (infra adj red) ir nir fir lwir mwir swir) and (source laser diode led lamp) and (reference calibration) and (summing sum summation add\$3 addition) and (output signal) and (cuvette chamber sample container cell)).clm.	US-PGPUB	OR	ON	2006/08/17 20:01
L2	1	((gas) and (detector sensor) and (infrared infra-red (infra adj red) ir nir fir lwir mwir swir) and (source laser diode led lamp) and (reference calibration) and (summing adj amplifier) and (output signal) and (cuvette chamber sample container cell)).clm.	US-PGPUB	OR	ON	2006/08/17 20:02
L3	1	((gas) and (detector sensor) and (infrared infra-red (infra adj red) ir nir fir lwir mwir swir) and (source laser diode led lamp) and (reference calibration) and (summing adj node) and (output signal) and (cuvette chamber sample container cell)).clm.	US-PGPUB	OR	ON	2006/08/17 20:02
L4	1	((gas) and (detector sensor) and (infrared infra-red (infra adj red) ir nir fir lwir mwir swir) and (source laser diode led lamp) and (reference calibration) and (summing with (computer microprocessor)) and (output signal) and (cuvette chamber sample container cell)).clm.	US-PGPUB	OR	ON	2006/08/17 20:02
L5	20	((gas) and (detector sensor) and (infrared infra-red (infra adj red) ir nir fir lwir mwir swir) and (source laser diode led lamp) and (reference calibration) and (summing sum summation add\$3 addition) and (output signal)).clm.	US-PGPUB	OR	ON	2006/08/17 20:02
L6	57	((gas) and (detector sensor) and (infrared infra-red (infra adj red) ir nir fir lwir mwir swir) and (summing sum summation add\$3 addition) and (output signal)).clm.	US-PGPUB	OR	ON	2006/08/17 19:59

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L7	22	((gas) and (detector sensor) and (infrared infra-red (infra adj red) ir nir fir lwir mwir swir) and (source laser diode led lamp) and (processor computer microprocessor) and (summing sum summation add\$3 addition) and (output signal) and (cuvette chamber sample container cell)). clm.	US-PGPUB	OR	ON	2006/08/17 20:00
L8	3	5 not 1	US-PGPUB	OR	ON	2006/08/17 20:04
L9	37	6 not (1 8)	US-PGPUB	OR	ON	2006/08/17 20:05
L10	0	7 not (1 8 9)	US-PGPUB	OR	ON	2006/08/17 20:05

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	828056	@pd>="20060309"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:16
S2	13	(gas with (detector sensor)) and ((spectrum spectroscop\$2) same (filter\$3)) and (prism same filter same advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:36
S3	1	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:18
S4	8	(gas with (detector sensor)) and (advantage same (nondispersive non-dispersive) same (prism grating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:17
S6	1	S4 and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:19
S7	32	(gas with (detector sensor)) and ((nondispersive non-dispersive) same (prism grating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:17
S8	2	S7 and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:19

## EAST Search History

S9	38	(250/339.1 250/339.13 250/344 250/345 356/437).ccls. and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:18
S10	147	((PATRICK) near2 (SMITH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/17 19:19
S11	2	"US 20050173635"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/08/17 19:20
S12	0	("2005/0173635").URPN.	USPAT	OR	ON	2006/08/17 19:22
S13	28420	(infrared infra-red (infra adj red) ir nir fir lwir swir) same (detect\$3 sens\$3 measur\$3 measurement) same gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:43
S14	0	S13 and (summing adj amplifier) and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:24
S15	0	S13 and (summing adj node) and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:24
S16	0	S13 and (summing with (computer microprocessor)) and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:24
S18	7961	(250/339.13 250/343 250/344 250/345 250/349 250/432R 250/435 250/436 250/437 356/51 356/436 356/438 356/439 702/24 73/23.2 73/25.05).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:28

## EAST Search History

S19	120132	((sum summ\$3 summation combin\$3 combination add\$3 addition) with (signal output)) with (detector sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:51
S20	12	S18 and S19 and S1 and (gas with (detector sensor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:35
S21	8533	(250/338.1 250/339.01 250/339.02 250/339.06 250/339.07 250/339.12 250/343 250/349 250/432R 250/435 250/436 356/51 356/436 356/438 356/439).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:30
S22	138	S21 and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:30
S23	27	S22 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:42

## EAST Search History

S24	62	("2269674" "2431019" "2806144" "2866900" "2963580" "20020011568" "20030015019" "3364351" "3405268" "3696247" "3898462" "3932754" "4271124" "4278538" "4336453" "4480191" "4632563" "4746218" "4772790" "4794255" "4874572" "5015099" "5095913" "5210702" "5252828" "5281816" "5319199" "5343043" "5371367" "5401967" "5418366" "5429805" "5489777" "5495893" "5498872" "5515859" "5585636" "5591975" "5610400" "5650624" "5721430" "5726450" "5797682" "5886348" "5898183" "6061141" "6255653" "6277081" "6338266" "6392234" "6414310" "6545278" "6555820" "6580934" "6875399").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/17 19:36
S25	8	("4553032" "4594510" "4800279" "6157455").PN. OR ("6555820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/17 19:38
S26	5	((gas analytical) adj (detector sensor)) with ((summing adj amplifier) (summing adj node)(summing with (microprocessor computer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:47
S27	2015	((detector sensor)) with ((summing adj amplifier) (summing adj node)(summing with (microprocessor computer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:43
S28	121937	(infrared infra-red (infra adj red) ir nir fir lwir swir) same gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:44
S29	1302836	(infrared infra-red (infra adj red) ir nir fir lwir swir)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:44

## EAST Search History

S30	1	S27 and S1 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:45
S31	5	S27 and S1 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:45
S32	23	((gas analytical) adj (detector sensor)) and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:48
S33	15504	S19 and (sum summ\$3 summation combin\$3 combination add\$3 addition) same ((signal output) with (weak low)) same (detector sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:53
S34	1124	S33 and "250".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:53
S35	7759	S19 and (sum summ\$3 summation combin\$3 combination add\$3 addition) with ((signal output) with (weak low)) same (detector sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:53
S37	531	S35 and "250".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:56